

CLAIMS

What is claimed is:

1 1. A transmit-only Bluetooth-compatible apparatus comprising:
2 a protocol stack compatible with the Bluetooth protocol standard, said
3 protocol stack including selected portions of the Bluetooth protocol used only for
4 transmitting data; and
5 a transceiver communicatively coupled to said protocol stack and
6 configured to physically transmit said data.

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1 2. The transmit-only apparatus as in claim 1 further comprising a
2 wireless keyboard enclosure within which said protocol stack and said
3 transceiver are configured.

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1 3. The transmit-only apparatus as in claim 1 further comprising a mouse
2 enclosure within which said protocol stack and said transceiver are configured.

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1 4. The transmit-only apparatus as in claim 1 further comprising:
2 a data source capable of generating said data.

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1 5. The transmit-only apparatus as in claim 1 further comprising:
2 synchronization logic configured to synchronize data transmissions
3 between said transmit-only apparatus and a second wireless apparatus by
4 transmitting a synchronization packet prior to transmitting said data, said
5 synchronization packet and said data being separated by a predetermined offset,

said offset being usable by said second apparatus to identify said transmit-only apparatus.

6. The transmit-only apparatus as in claim 1 wherein said protocol stack is configured to encapsulate said data in a packet and cause said transceiver to transmit said packet twice in succession within a predetermined window of time.

7. The transmit-only apparatus as in claim 6 wherein said predetermined window of time is 8.33 msec.

8. The transmit-only apparatus as in claim 6 wherein said protocol stack is further configured to cause said transceiver to transmit said packet twice at two different frequencies.

9. A receive-only Bluetooth-compatible apparatus comprising:
a protocol stack compatible with the Bluetooth protocol standard, said protocol stack including selected portions of the Bluetooth protocol used only for receiving data; and
a transceiver communicatively coupled to said protocol stack and configured to physically receive said data.

10. The receive-only apparatus as in claim 9 further comprising a personal computer within which said protocol stack and said transceiver are configured.

11. The receive-only apparatus as in claim 9 further comprising:
a data sink capable of processing said data.

12. The receive-only apparatus as in claim 9 further comprising:
synchronization logic configured to synchronize data transmissions
between said receive-only apparatus and a second wireless apparatus by
receiving a synchronization packet prior to receiving said data, said
synchronization packet and said data being separated by a predetermined offset,
said offset being usable by said receive-only apparatus to identify said second
wireless apparatus.

13. A method comprising:
generating a transmit-only Bluetooth protocol stack by removing elements
of a standard Bluetooth protocol stack related to receiving data; and
configuring said transmit-only Bluetooth protocol stack in a transmit-only
wireless device for transmitting data.

14. The method as in claim 13 wherein said transmit-only wireless device
includes a transceiver communicatively coupled to said transmit-only protocol
stack and configured to physically transmit said data.

15. The method as in claim 14 wherein said transmit-only wireless device
is a wireless keyboard enclosure within which said transmit-only protocol stack
and said transceiver are configured.

16. The method as in claim 14 wherein said transmit-only wireless device
is a wireless mouse within which said transmit-only protocol stack and said
transceiver are configured.

18. The method as in claim 13 further comprising:
configuring within said transmit-only wireless device synchronization logic for synchronizing data transmissions between said transmit-only device and a second wireless device by transmitting a synchronization packet prior to transmitting said data, said synchronization packet and said data being separated by a predetermined offset, said offset being usable by said second device to identify said transmit-only device.

19. The method as in claim 18 further comprising:
configuring said transmit-only wireless device to encapsulate said data in a packet and cause said transceiver to transmit said packet twice in succession within a predetermined window of time.

20. The method as in claim 19 further comprising:
 configuring said transmit-only wireless device to transmit said packet twice
 in succession within an 8.33 msec window of time.

21. A transmit-only apparatus comprising:
a transmit-only Bluetooth protocol stack having removed therefrom all Bluetooth protocol elements related to receiving data; and
a transceiver communicatively coupled to said transmit-only Bluetooth protocol stack and configured to physically transmit said data.

1 22. The transmit-only apparatus as in claim 21 further comprising a
2 wireless keyboard enclosure within which said transmit-only Bluetooth protocol
3 stack and said transceiver are configured.

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1 23. The transmit-only apparatus as in claim 21 further comprising a
2 mouse enclosure within which said transmit-only Bluetooth protocol stack and
3 said transceiver are configured.

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1 24. The transmit-only apparatus as in claim 21 further comprising:
2 a data source capable of generating said data.